

Converting Colors

YUV(71.4400, 6.1921, 20.6621)

Have a look what the booklet for
YUV(71.4400, 6.1921, 20.6621)
contains.

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Color

**YUV(71.4400, 6.1921,
20.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3954
RGB	95, 57, 84
RGB Percent	37%, 22%, 33%
CMY	0.6275, 0.7765, 0.6706
CMYK	0.00, 0.40, 0.12, 0.63
HSL	317°, 25%, 30%
HSV	317°, 40%, 37%
XYZ	7.7827, 5.9992, 9.1353
YIQ	71.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

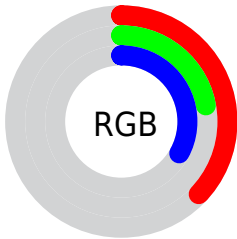
Format	Color
RYB	95, 57, 84
Decimal	6240596
CIELab	29.41, 21.39, -9.26
CIELCh	29, 23.304, 336.583
Yxy	5.9992, 0.3396, 0.2618
Android (android.graphics.Color)	4284430676 (0xFF5F3954)
YUV	71.4400, 6.1921, 20.6621
Hunter-Lab	24.4934, 13.8544, -4.9680

Details

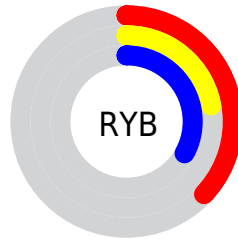
The YUV color **71.4400, 6.1921, 20.6621** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.5600, -6.1921, -20.6621**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5650, 6.6235, 22.3065**, and **26.1300, 6.3449, 18.3030** is the 20% darker color. If you saturate the color by 10%, you get **65.8150, 7.4862, 25.5952**, and if you desaturate by 10%, it is **77.6520, 4.6086, 15.2142**.

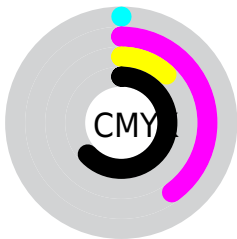
Distribution



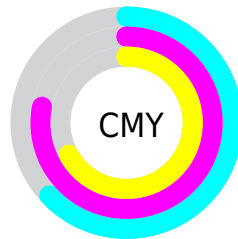
- Red (37%)
- Green (22%)
- Blue (33%)



- Red (37%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (63%)



- Cyan (63%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4400, 6.1921, 20.6621 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 71.4400, 6.1921, 20.6621 by changing the saturation by 10% instead.

■ 71.4400, 6.1921,
20.6621

■ 71.4400, 6.1921,
20.6621

■ 255.0000, 0.0000,
0.0000

■ 48.7280, 6.0501,
19.5325

■ 120.5650, 6.6235,
22.3065

■ 26.1300, 6.3449,
18.3030

■ 146.2770, 6.7654,
23.4361

■ 10.8370, 4.0244,
15.9290

■ 173.5760, 6.6180,
24.0508

■ 0.0000, 0.0000,
0.0000

■ 200.8750, 6.4706,
24.6656

■ 227.8040, 7.4916,
23.8509

■ 246.1950, 4.3409,

7.7220

■ 71.4400, 6.1921,
20.6621

■ 71.4400, 6.1921,
20.6621

■ 65.8150, 7.4862,
25.5952

■ 77.6520, 4.6086,
15.2142

■ 59.7170, 9.5065,
30.9432

■ 83.2770, 3.3144,
10.2811

■ 54.0920, 10.8006,
35.8763

■ 89.3750, 1.2941,
4.9331

■ 47.8800, 12.3842,
41.3242

■ 95.0000, 0.0000,
0.0000

■ 41.6680, 13.9677,
46.7722

■ 101.2120, -1.5835,
-5.4479

■ 36.1570, 15.6986,
51.6053

■ 106.8370, -2.8776,
-10.3810

■ 112.9350, -4.8980,
-15.7290

■ 118.5600, -6.1921,
-20.6621

■ 124.7720, -7.7756,
-26.1100

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8770, 13.3716, 4.4929



71.4400, 6.1921, 20.6621



70.6060, -2.2708, 28.4095

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4400, 6.1921, 20.6621



67.8750, -17.1934, 8.0026



56.0460, 16.7393, -49.1523

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.4400, 6.1921, 20.6621



80.5600, -6.1921, -20.6621

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.6950, 9.0244, -47.9675



71.4400, 6.1921, 20.6621



65.5140, -13.0714, -7.4668

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4400, 6.1921, 20.6621



68.5930, -16.0683, 20.5279



62.1080, -3.9972, -24.6507



55.9520, 22.7017, -48.1929

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4400, 6.1921, 20.6621



69.8250, -7.8017, 29.0945



62.1080, -3.9972, -24.6507



55.4760, 14.5553, -48.6525

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.4400, 6.1921, 20.6621



113.3260, 2.3043, 7.6071



64.6210, 14.9768, 2.9634



56.0760, 1.4415, 4.3183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4400, 6.1921, 20.6621



86.0160, 9.3591, 31.5580



69.2740, -2.1071, 22.5617



45.5380, 0.7208, 2.1592



42.6080, 18.4343, 60.8568



91.1400, 38.8780, 130.5502

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.4400, 6.1921, 20.6621



86.0160, 9.3591, 31.5580



82.7260, 2.1071, -22.5617



45.5380, 0.7208, 2.1592



42.6080, 18.4343, 60.8568



91.1400, 38.8780, 130.5502

Previews

White Background



This preview shows how the YUV color 71.4400, 6.1921, 20.6621 looks on a white background.

Color Contrast Check

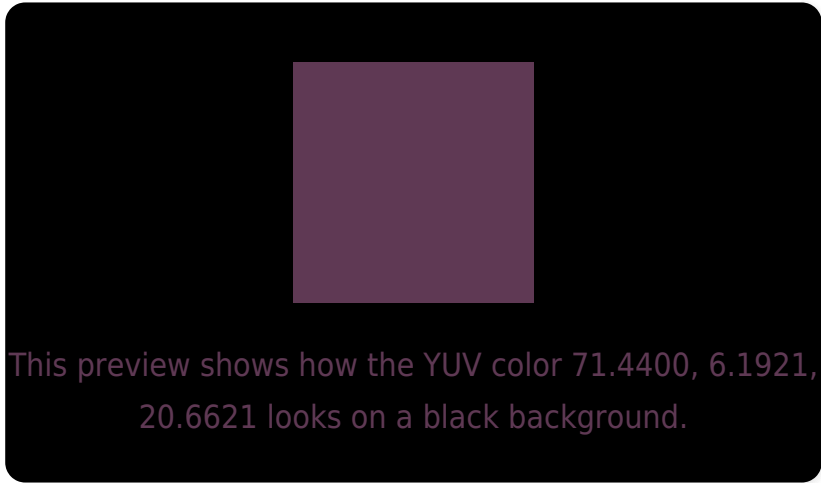
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

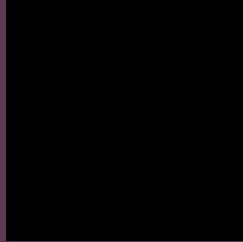
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 71.4400, 6.1921, 20.6621

Background



This preview shows how black text looks on a background with the YUV color 71.4400, 6.1921, 20.6621.

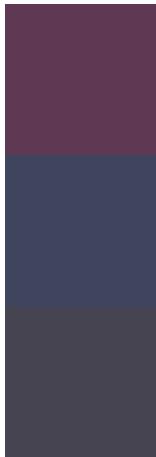


This preview shows how white text looks on a background with the YUV color 71.4400, 6.1921,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.4400, 6.1921, 20.6621

Protanopia

69.8280, 10.9308, -5.9882

Deuteranopia

70.4930, 5.6730, 0.4446



Tritanopia

71.0240, -2.9698, 19.2730

Trichromacy



Original Color

71.4400, 6.1921, 20.6621

Protanomaly

70.7260, 9.0091, 3.7483

Deuteranomaly

70.9500, 5.9406, 7.9368

Tritanomaly

71.5340, 0.2297, 19.7027

Monochromacy



Original Color

71.4400, 6.1921, 20.6621

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.3260, 2.3043, 7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4400, 6.1921, 20.6621 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 57, 84)` looks like.

```
.text, #text, p{  
    color:rgb(95, 57, 84)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 57, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 57, 84) }
```

Border

The CSS property to change the border of an element to YUV 71.4400, 6.1921, 20.6621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 57, 84) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 57, 84) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 57, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 57, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 57, 84);  
box-shadow:4px 4px 4px 4px rgb(95, 57, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.4400, 6.1921, 20.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 57, 84) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 57,  
84) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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